

PROCESS FOR PRODUCING ALIGNED
CARBON NANOTUBE FILMS

ABSTRACT OF THE DISCLOSURE

5 A process for producing aligned carbon nanotube
films, wherein a carbon compound is decomposed using a
substrate that is coated with an element having no
catalytic ability by itself and which loads a metallic
element having catalytic ability or a compound thereof,
thereby forming a film of fine carbon nanotubes on the
10 surface of the substrate which are aligned in a direction
perpendicular to the substrate.